

FIG. 1

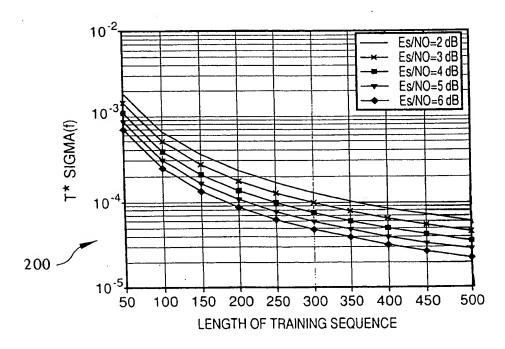


FIG. 2

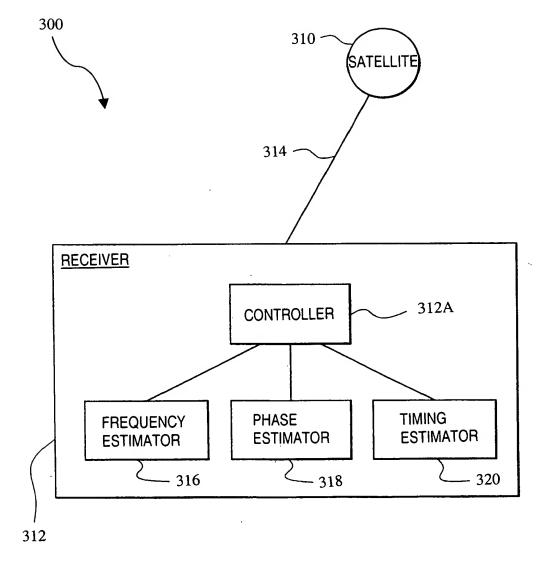
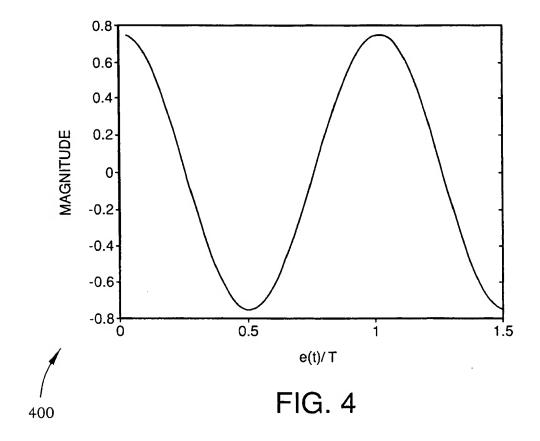
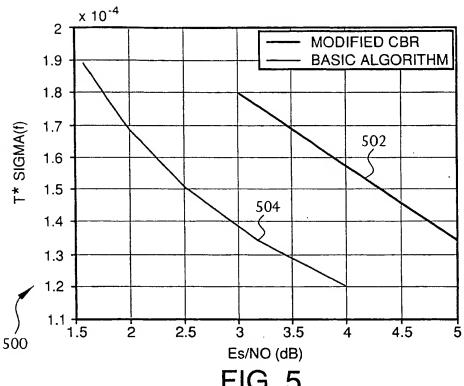


FIG. 3



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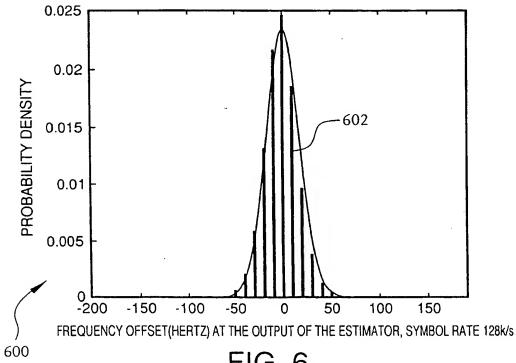
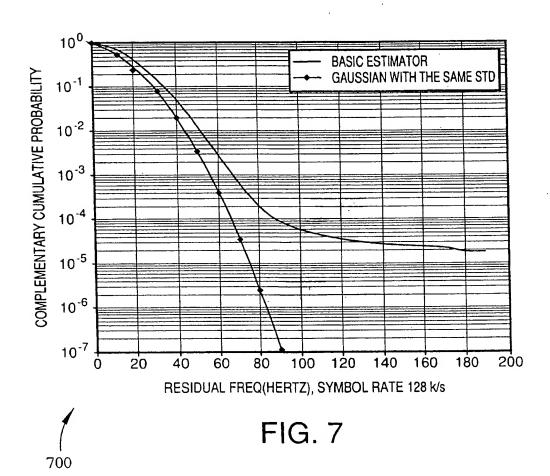


FIG. 6



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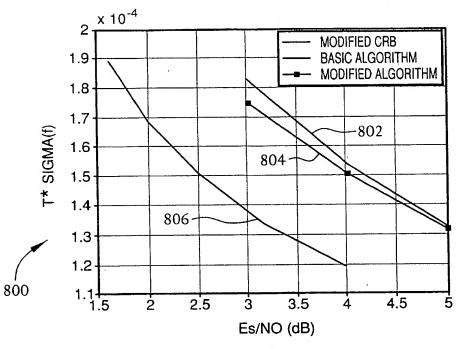


FIG. 8

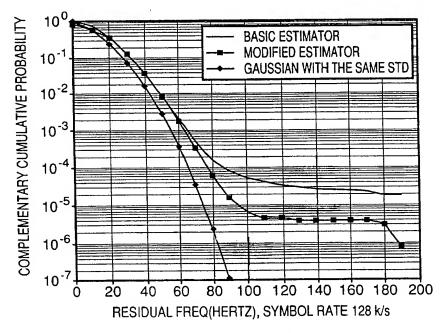
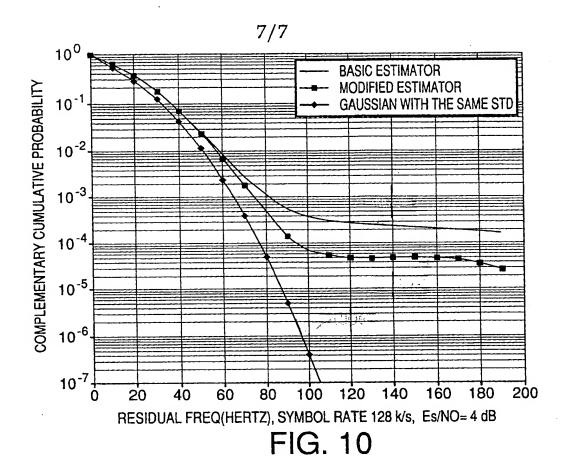


FIG. 9



10⁰ **BASIC ESTIMATOR** COMPLEMENTARY CUMULATIVE PROBABILITY MODIFIED ESTIMATOR 10⁻¹ GAUSSIAN WITH THE SAME STD 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ 10⁻⁶ 10-7 160 180 200 60 80 100 120 140 20 RESIDUAL FREQ(HERTZ), SYMBOL RATE 128 k/s, Es/NO= 3 dB

FIG. 11